

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097075 A2

(51) International Patent Classification⁷:

A61K 9/14

(21) International Application Number:

PCT/US2005/009734

(22) International Filing Date: 23 March 2005 (23.03.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/558,301

30 March 2004 (30.03.2004) US

(71) Applicant (for all designated States except US): EURO-CELTIQUE S.A. [LU/LU]; 122, Boulevard de la Petrusse, L-2330, Luxembourg (LU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ABREU, Osvaldo [US/US]; 392 Knierim Place, New Milford, NJ 07646 (US).

(74) Agents: MARKEY, James, G. et al.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

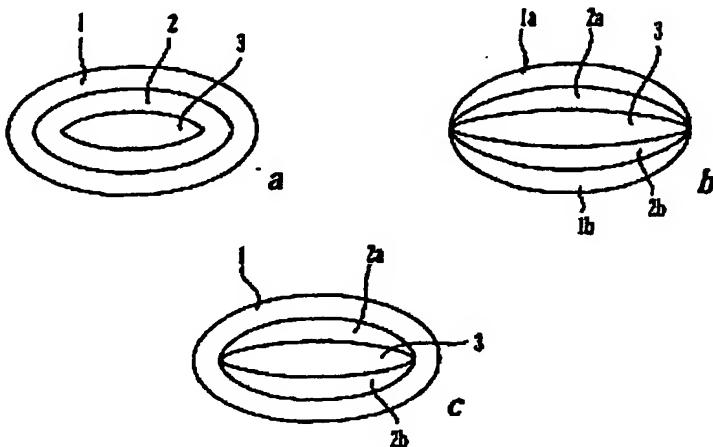
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TAMPER RESISTANT DOSAGE FORM COMPRISING AN ADSORBENT AND AN ADVERSE AGENT



WO 2005/097075 A2

(57) Abstract: Pharmaceutical compositions and dosage forms comprising an adsorbent, and an adverse agent, such as an opioid antagonist. In one embodiment, at least a portion of the adverse agent is on the surface or within the micropore structure of an adsorbent material. The pharmaceutical compositions and dosage forms comprising the adsorbent and the adverse agent are useful for preventing or discouraging tampering, abuse, misuse or diversion of a dosage form containing an active pharmaceutical agent, such as an opioid. The present invention also relates to methods for treating a patient with such a dosage form, as well as kits containing such a dosage form with instructions for using the dosage form to treat a patient. The present invention further relates to process for preparing such pharmaceutical compositions and dosage forms.